

ABSTRACT

In an embodiment, a communication system may include a system host that transmits messages to a number of client devices, which may be dynamically grouped. The system host may link the client identifiers of clients in a group to a group identifier in a client-group database. The membership information in the database may be updated as groups are added, deleted, or modified. The system host may compile a general membership file from information in the client-group database and transmit it at scheduled intervals. The client devices may receive the transmitted general membership file and use it to update their internal membership files. The system host may transmit messages that include a group identifier in a header. A client device may inspect the header and discard the message if the transmitted group identifier is not found in that client device's internal membership file.